

102.16 Titanium Base Alloys (chip and disk forms)

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit Size (in g)	Elemental Composition (mass fraction, in %)																			
			H	C	Mn	Cr	Cu	Mo	Fe	Al	V	Ni	B	Sn	Si	Ti	Co	N	O	Ru	W	Zr
173c	6Al-4V	50	(0.006)	0.027	(0.002)	0.0165	0.0040	0.0068	0.2130	6.245	4.154	0.0203	(<0.0005)	0.01	0.019	89.15	(0.002)	0.028	0.164	(0.0006)	(0.002)	0.0053
641	8 Mn (A)	disk			6.68																	
642	8 Mn (B)	disk			9.08																	
643	8 Mn (C)	disk			11.68																	
647	Al-Mo-Sn-Zr	50	0.006				1.96	0.075	5.88	(<0.02)				2.02				(<0.01)				3.90
648	Al-Sn-Zr-Cr-Mo	50	0.011		3.84		3.75	0.15	5.13					1.98	0.027			(0.01)				1.84
649	V-Al-Cr-Sn	50	0.011	(<0.01)	2.96	(<0.001)		0.133	3.08	15.1				3.04				(0.01)				
650	Unalloyed A	30	0.016	0.002	0.033	0.002	0.024	<0.01	0.009					0.03	0.004							1.55
651	Unalloyed B	30	0.005	0.037	0.032	0.031	0.058	<0.006	0.021					0.026	0.011							0.39
652	Unalloyed C	30	0.046	0.082	0.081	0.039	0.67	0.039	0.024					0.053	0.16							0.5
654b	Al-V	disk			(0.025)	0.004	(0.013)	0.023	6.34	4.31				0.023	0.045					Ni 0.028	0.008	
1128	V-Al-Cr-Sn	disk	0.011	(<0.01)	2.96	(<0.003)	(0.006)	0.134	3.06	15.13				3.04				(0.01)				
2061	TiAl (NbW)Alloy	cube							30.31		10.78						53.92	(0.004)	(0.232)		4.38	
2062	TiAl (NbW)Alloy	disk							30.31		10.78						53.92	(0.004)	(0.232)		4.38	
2431	6Al-2Sn-4Zr-6Mo	50	0.006	(<0.01)	(<0.01)	(<0.01)	6.01	0.056	5.73	(<0.01)				1.98	0.088			Ni (<0.01)	(<0.001)		4.06	
2432	10V-2Fe-3Al	50	0.008	(<0.01)	(<0.01)	(<0.005)		1.77	3.15	10.00				B (<0.001)	0.029			Ni (<0.01)	(<0.001)	(<0.01)		
2433	Al-Mo-V	50					0.99	0.063	7.63	0.98												
2452	Hydrogen in Titanium Alloy	10	0.00625																			
2453	Hydrogen in Titanium Alloy	10	0.0114																			
2454	Hydrogen in Titanium Alloy	10	0.0211																			

Values in parentheses are not certified and are given for information only.